

ENVIRONMENTAL PRIORITIES INITIATIVE
PRELIMINARY ASSESSMENT

Purpose: RCRA Preliminary Assessment

Site: Trent Tube Division, Fullerton Operation
2100 East Orangethorpe Avenue
Fullerton, California 92634
Orange County

Site EPA ID Number: CAD008325110

TDD Number: F9-9105-067

Program Account Number: FCA1806RAA

FIT Investigators: Abby Goldenberg

Date of Drive-By: July 9, 1991

Report Prepared By: Abby Goldenberg

Report Date: September 15, 1991

Through: Lorene Flaming

FIT Review/Concurrence:

Submitted To:

James M. James 9/11/91
Rachel Loftin
Site Assessment Manager
EPA Region IX

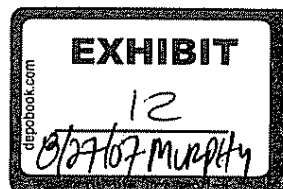


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CRU 00061

1. INTRODUCTION

As part of its Environmental Priorities Initiative (EPI) program, the U.S. Environmental Protection Agency (EPA) has requested Ecology and Environment, Inc.'s Field Investigation Team (E & E FIT) to conduct a Preliminary Assessment (PA) of Trent Tube Division Fullerton, located at 2100 East Orangethorpe Avenue, Fullerton, California.

The EPI program integrates the Resource Conservation and Recovery Act of 1976 (RCRA), as amended by the 1984 Hazardous and Solid Waste Amendments (HSWA), with the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), in order to set priorities for cleanup of the most environmentally significant sites first. The Preliminary Assessment is conducted using CERCLA Hazard Ranking System (HRS) criteria to determine the site's eligibility for inclusion on the National Priorities List and, thus, assists in prioritizing facilities for the RCRA program.

2. SITE DESCRIPTION

2.1 SITE LOCATION AND OWNER/OPERATOR HISTORY

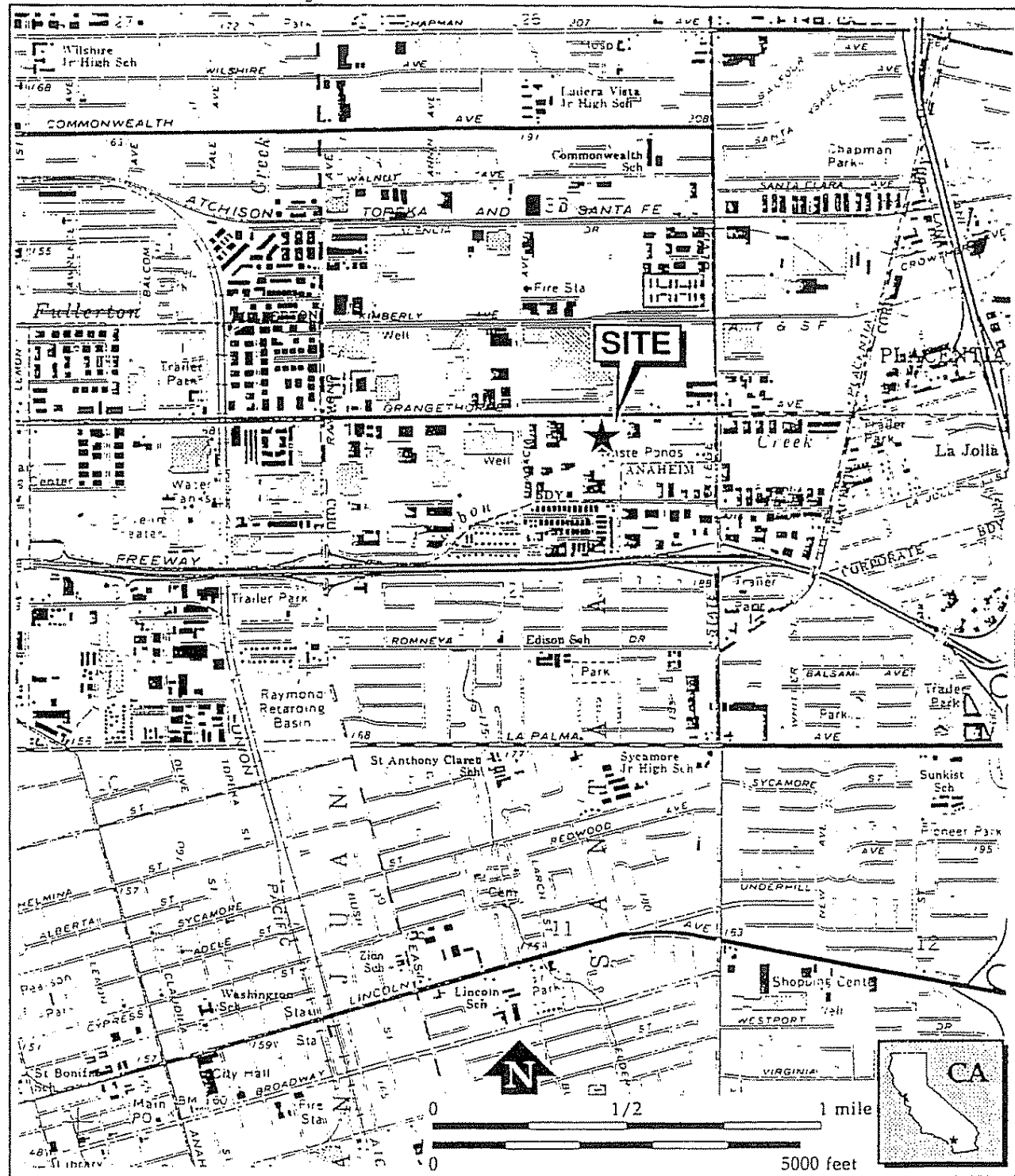
The Trent Tube Division Fullerton Operation (Trent Tube) site is located at 2100 East Orangethorpe Avenue, Fullerton, California (T. 4 S., R. 10 W., sec. 2, San Bernardino Baseline and Meridian; lat. 33°51'30" N., long. 117°53'03" W.) (see Figure 1, Site Location Map) (1,25). The 5.2-acre Trent Tube site is located in a mixed light industrial and commercial area in Orange County (35). The site is adjacent to Vista Paint Company (EPA ID# CAT080033277) (3,16).

The facility was constructed in the late 1950s by the Trent Tube Company (36). Trent Tube manufactured stainless steel tubing and customized prefabricated tubing to customer specifications (2). On May 11, 1984 all manufacturing on the site ceased (3). In 1985, Colt Industries sold the site to Howard K. Barlow (36). The site is currently leased to several companies including Auto Car Leasing and Executive RV Center (see Figure 2, Facility Map) (4,25,37).

2.2 FACILITY PROCESSES/WASTE MANAGEMENT

The following hazardous wastes were generated from operations at the facility until 1984: waste oil, spent solvents, and waste pickle liquor. The waste oil was stored in a 200-gallon steel tank. The spent solvents were stored in 55-gallon drums in two hazardous waste storage areas. The waste pickle liquor was stored in two 2,000-gallon indoor tanks. All waste was reportedly sent to a Class I landfill (7). Additional historical information about facility processes at the Trent Tube site was not available to FIT.

Source: U.S.G.S. 7.5' Anaheim Quadrangle



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Figure 1

SITE LOCATION MAP
TRENT TUBE FULLERTON
2100 East Orangethorpe Avenue
Fullerton, California

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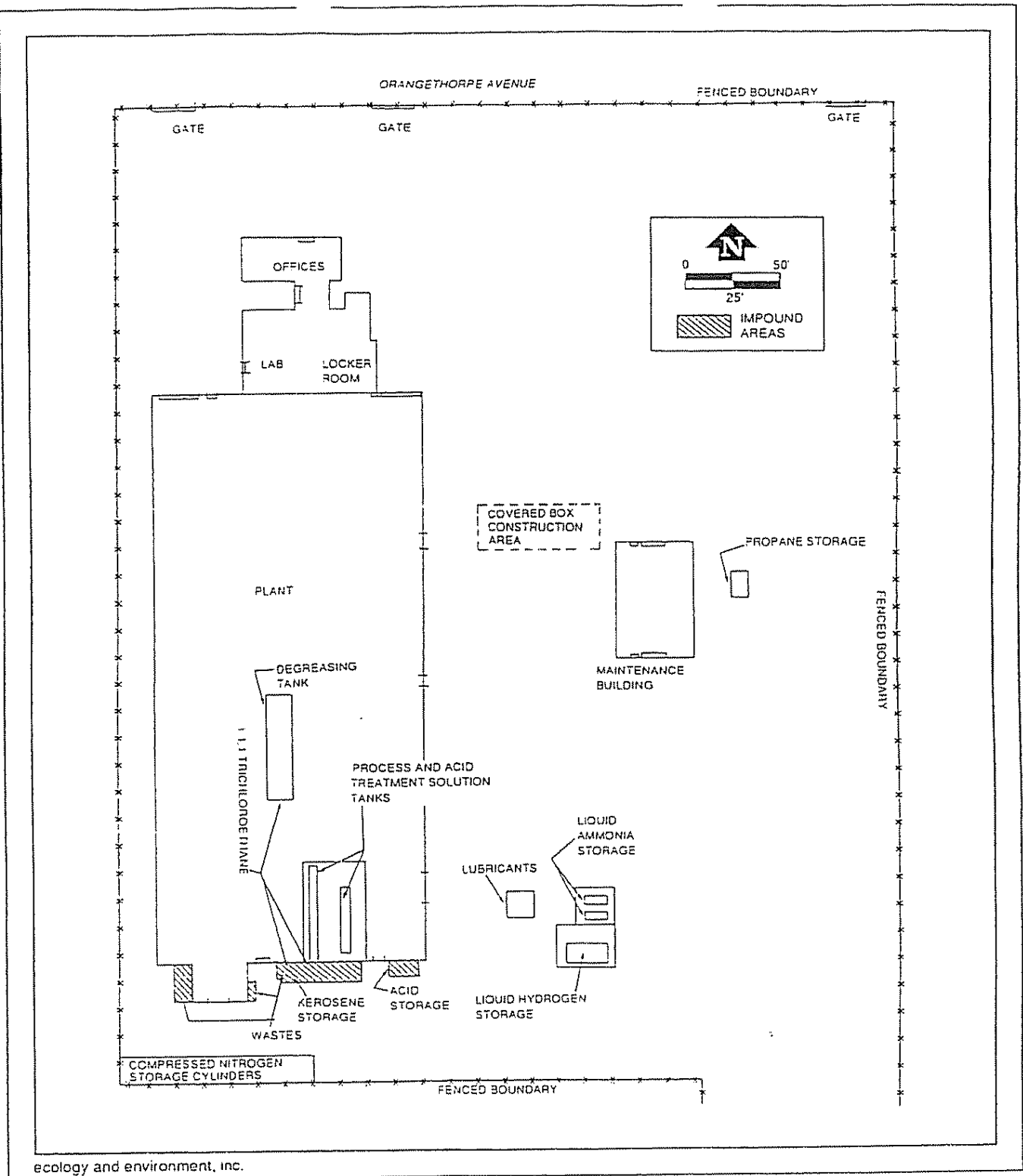


Figure 2
 FACILITY MAP
 TRENT TUBE FULLERTON
 2100 East Orangethorpe Avenue
 Fullerton, California

The Trent Tube site is currently leased to several companies including Auto Car Leasing and Executive RV Center by LaBarron Investments (4). Currently, the only wastes known to be generated on the site are approximately 200 gallons of waste oil each year from Executive RV Center (37). Auto Car Leasing and Executive RV Center are not listed in the Resource Conservation and Recovery Act (RCRA) Data Base dated April 22, 1991 (16).

3. REGULATORY INVOLVEMENT

3.1 U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

A Notification of Hazardous Waste Activity was filed for the Trent Tube site in August 1980 (16). An RCRA Part A hazardous waste facility permit application was submitted to EPA in November 1980 for treatment and storage of hazardous waste (2). EPA rescinded the Part A for Trent Tube in August 1987 because the site had been clean-closed (6).

3.2 CALIFORNIA DEPARTMENT OF HEALTH SERVICES (DHS)

On April 6, 1981, an Interim Status Document (ISD) was issued by DHS for the Trent Tube site. The ISD authorized the treatment and storage of hazardous wastes on plant premises and required the preparation of an Operations Plan, a Contingency Plan, and a Closure Plan (3,8). On August 26, 1983 an Operations Plan for hazardous waste at the Trent Tube site was submitted to DHS which included a Closure Plan dated February 22, 1983 (3,7).

In December 1984, DHS required Trent Tube to prepare a Site Assessment Plan (SAP) to address inadequate closure of the facility (9). The SAP, submitted on December 18, 1984, outlined plans for obtaining borings and analysis of soil samples (10). The sampling results indicated the presence of organic contamination near the Trent Tube building and at higher levels near the back fence. A Site Remediation Plan was submitted to DHS on January 18, 1985 (3,35). In February 1985, 20 truckloads of contaminated soil were excavated and sent to the Casmalia Resource Management landfill in Casmalia, California. Sixteen truckloads of clean fill were backfilled into the hole and compacted (3). Closure certification was submitted to DHS on March 11, 1985 and approved by DHS on April 16, 1985 (5). DHS conducted a post-closure inspection of Trent Tube in September 1986 (11).

The Trent Tube site is not listed in the California Expenditure Plan for the Hazardous Substance Cleanup Bond Act of 1984 (revised 1989).

3.3 CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (RWQCB)

RWQCB reviewed the Closure Plan for Trent Tube and recommended that soil contaminated with oil at the south side of the plant be removed to a depth of 3 feet during closure (3). These areas were removed and filled with clean crushed stone (10). There is no other known RWQCB involvement at the Trent Tube site (13).

3.4 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD)

Trent Tube submitted an application for an Excavation Permit to SCAQMD to conduct remedial work, which was issued on February 8, 1985 (3). Trent Tube possessed operating permits from SCAQMD for a degreaser, a scrubber, two storage tanks, and a flowcoater (7,14).

3.5 OTHER AGENCY INVOLVEMENT

The Orange County Health Care Agency inspected the Trent Tube site on April 15, 1985. The inspection report indicated that the site was not in operation (15). There are no other known agencies involved at the Trent Tube site.

4. DESCRIPTIONS OF INDIVIDUAL SOLID WASTE MANAGEMENT UNITS

Distinct Solid Waste Management Units (SWMUs) have been identified to evaluate potential on-site sources of releases to air, surface water, groundwater, and soil. A SWMU is defined as any discernible waste management unit at a facility from which hazardous constituents might migrate, irrespective of whether the unit was intended for the management of solid and/or hazardous waste. As a result of this Preliminary Assessment, FIT has identified three significant SWMUs at the site. It appears that one of these units is RCRA-regulated. Additional SWMUs may exist.

4.1 DRUM STORAGE AREAS

Unit Description: Two outdoor drum storage areas were formerly located at the southern portion of the Trent Tube facility. A maximum of 20 drums were stored in the storage areas at one time (7).

Date of Start-up: The date of start-up is unknown. The facility began operation in the late 1950s (36).

Date of Closure: The facility ceased operation on May 11, 1984 (3). The site was certified clean-closed in April 1985 (5).

Waste Managed: Waste solvents including 1,1,1-trichloroethane (TCA), kerosene, and mineral spirits were stored in 55-gallon drums in the storage areas. Approximately 800 to 1,300 gallons of spent TCA and 300 to 400 gallons of other spent solvents were generated each year (7).

Release Controls: Drums were stored in cement and concrete bermed impoundments (7).

History of Releases: The Site Assessment sampling results indicated the presence of organic contamination including TCA, tetrachloroethylene (PCE), and trichloroethylene (TCE) in two areas at the Trent Tube site (3). The sample locations appear to be near the location of the drum storage areas.

4.2 WASTE OIL STORAGE TANK

Unit Description: A 200-gallon steel tank was used to store waste oil at the Trent Tube site (7). The waste oil storage tank is located outside the building in the southwest portion of the site (2).

Date of Start-up: The date of start-up is unknown. The facility began operation in the late 1950s (36).

Date of Closure: The facility ceased operation on May 11, 1984 (3). The site was certified clean-closed in April 1985 (5).

Waste Managed: Waste lubricant oil was stored in the waste oil storage tank. Approximately 300 gallons of waste oil were generated each year. The oil was picked up every one to three months by a vacuum truck and taken to a Class I landfill (7).

Release Controls: The unlined steel tank was located in a concrete impoundment (7).

History of Releases: There were two areas of soil contaminated with oil at the Trent Tube site (12). These areas of contamination appear to be located near the waste oil tank.

4.3 SPENT PICKLE LIQUOR TANKS

Unit Description: Two 2,000-gallon tanks were located inside the southeast portion of the Trent Tube building. Spent pickle liquor was neutralized inside the tanks. Every three to five months the neutralized liquid was picked up and disposed of in liquid form in a Class I landfill (2,7).

Date of Start-up: The date of start-up is unknown.

Date of Closure: The facility ceased operation on May 11, 1984 (3). The facility was certified clean-closed in April 1985 (5).

Waste Managed: Mixed nitric and hydrofluoric acid was used for descaling and cleaning stainless steel tubing (2). The spent acid mixture was neutralized with ammonia inside the tanks prior to disposal. The mixture is a RCRA listed waste (K062) and contains lead and chromium (VI). Approximately 7,000 to 10,000 gallons per year were generated (7).

Release Controls: The tanks were located inside the Trent Tube building (7).

History of Releases: There is no known history of releases. No information was available to FIT on sampling for metals.

4.4 AREA OF CONCERN

A degreasing pit which measured 13 feet wide by 16 feet long by 7 feet deep was located inside the Trent Tube building. It was present in 1983; however, no other information about the pit was available to FIT. No sampling information was available to FIT.

5. HRS FACTORS

The Hazard Ranking System (HRS) is a scoring system used to assess the relative threat associated with actual or potential releases of hazardous substances from sites. It is the principal mechanism EPA uses to place sites on the National Priorities List (NPL). FIT has evaluated the following HRS factors relative to this site.

5.1 WASTE TYPE AND QUANTITY

The known waste streams generated annually at the Trent Tube include: approximately 1,200 gallons of spent solvents, 300 gallons of waste oil, and 7,000 to 10,000 gallons of spent pickle liquor containing lead and chromium VI (see Section 4 for details) (7). Soil sampling to a depth of 10.5 feet below ground surface detected TCA, PCE, TCE. TCA was detected at 780 ppm. Twenty truckloads of contaminated soil were excavated in 1985 and transported to a treatment, storage or disposal facility (TSDF) (3).

5.2 GROUNDWATER

The Trent Tube site is located in the coastal plain and is underlain by three major aquifer systems, the lower, middle and upper aquifers. The upper aquifer system consists of sediments of upper Pleistocene and younger alluvium to a thickness of 800 feet and is formed by sediments of the La Habra Formation, stream terrace deposits, older alluvium, and recent alluvium. The middle aquifer system is comprised of lower Pleistocene sediments from the San Pedro and Coyote Hills formations. The middle aquifer system is the major groundwater supply for the Orange County basin and contains multiple layers of gravelly sediments. The lower aquifer is comprised of Pleistocene and older sediments, bearing fresh water to a depth of almost 4,000 feet. Interconnection of the upper and middle water-bearing strata is through recent alluvium, limited by the Norwalk fault zone (17).

Soils in the region consist of alluvial sand and silty sand (18). Groundwater beneath the site is found at approximately 80 feet below ground surface (bgs) (3). Groundwater flow is to the southwest (17,20). Annual net precipitation in the Fullerton area is 5.19 inches (19).

Water for the region is supplied by five water purveyors. These include the Yorba Linda Water District, City of Anaheim, City of Fullerton, City of Orange, and Southern California Water Company (20,21,24,27,28).

The Yorba Linda Water District serves approximately 60,000 people. They have seven active wells in a blended system. The wells provide 45 percent of the drinking water supply. The remaining 55 percent of their water supply is imported from the Metropolitan Water District (MWD) (20).

The City of Anaheim uses approximately 70 percent groundwater in its drinking water system. There are 35 wells in the system. The well system supplies approximately 207,000 people with water (21,22,23).

The City of Fullerton gets 65 percent of its drinking water from municipal wells and 35 percent from MWD. Water from these two sources is not blended. Water purchased from the district serves the northern part of the city and the wells serve the southern part. The population of Fullerton is 112,000. The 11-well system is interconnected and serves approximately 72,800 people (24,26).

The City of Orange has a system of 15 wells which are blended with imported water to serve a population of 107,000. No single source provides more than 40 percent of the system's supply. Seventy percent of the water comes from wells and thirty percent is imported (27)

Three of Southern California Water Company's six wells are located in the Placentia area. Approximately 20,000 people in the southern part of Placentia are served by groundwater. The northern part is served mainly by MWD water (28).

A release of contaminants to the groundwater has been not documented at the Trent Tube site. A potential exists for a release to groundwater due to the depth to groundwater and the presence of soil contamination. Twenty truckloads of soil were removed, however it is not known in post-removal confirmation samples were taken (17).

5.3 SURFACE WATER

The only surface water body located within 2 miles of the Trent Tube site is Carbon Creek. There are no beneficial uses of Carbon Creek except flood control (29,30). Carbon Creek flows into the San Gabriel River which is also not used for drinking or fishing (1,29,30).

The Trent Tube site is located in a Zone B floodplain. Zone B is defined as areas between the 100-year and 500-year floodplain (7). The 2-year, 24-hour rainfall for the Fullerton area is 2.5 inches (32).

5.4 AIR

A release of contaminants to the air has not been documented from the Trent Tube site. The potential to release is low because the site is paved and the facility is no longer in operation (3,25). Wastes and contaminated soil were removed after the facility ceased operation in 1984 (3). The only known waste generated by current operators is waste oil (37).

The estimated population distribution within 4 miles of the Trent Tube site is shown in Table 1 (34). No known federal or state protected species are known to exist within 4 miles of the Trent Tube site (33).

Table 1

<u>Distance (miles)</u>	<u>Population</u>
On-site	0
Greater then 0 to 0.25	0
Greater then 0.25 to 0.5	3,428
Greater then 0.5 to 1	11,763
Greater then 1 to 2	58,413
Greater then 2 to 3	76,003
Greater then 3 to 4	96,236

5.5 SOIL EXPOSURE

There is a low potential for exposure via the soil exposure pathway because the site is paved and the Trent Tube facility is no longer in operation (3,25). Wastes and contaminated soil were removed after the facility ceased operation in 1984 (3). The population located within 1 mile of the Trent Tube site is approximately 15,191 (34). While the site was operated by Trent Tube, the site was surrounded by a 6 foot chain-link fence, locked gates and an alarm system (7).

6. SUMMARY OF FIT INVESTIGATIVE ACTIVITIES

6.1 AGENCIES CONTACTED

As part of the investigation of the Trent Tube site, FIT contacted the following agencies: California Department of Health Services, California Regional Water Quality Control Board, South Coast Air Quality Management District, Orange County Environmental Management Agency, and Orange County Health Care Agency (13,14,30). Information from these sources is presented throughout this report.

6.2 RECONNAISSANCE OBSERVATIONS

In concurrence with EPA, a drive-by was conducted of the Trent Tube site on July 9, 1991. FIT observed that two companies, Auto Car Leasing and Executive RV Center, were located at the site. (See Drive-By report for details) (25).

7. EMERGENCY RESPONSE CONSIDERATIONS

The National Contingency Plan [40 CFR 300.415(b)(2)] authorizes the Environmental Protection Agency to consider emergency response actions at those sites which pose an imminent threat to human health or the environment.

The site was certified clean-closed by DHS on April 16, 1985. There is no apparent need for a referral of this site to EPA's Emergency Response Section at this time because all known wastes have been removed from the site (5).

8. SUMMARY OF HRS CONSIDERATIONS

The Trent Tube Division Fullerton Operation site is located at 2100 East Orangethorpe Avenue in Fullerton, California. Trent Tube manufactured stainless steel tubing and customized prefabricated tubing. Operations ceased at the site on May 11, 1984. Closure certification was approved by the California Department of Health Services on April 16, 1985. The site is listed in the Resource Conservation and Recovery Act database as closure certified. The site is currently owned by LaBarron Investments and leased to several companies including Auto Car Leasing and Executive RV Center. The only waste known to be on site currently is waste oil.

The following are significant Hazard Ranking System factors associated with the Trent Tube site:

- o Moderate waste quantity;
- o The site has been clean closed and wastes were removed to a TSDF;
- o A low potential exists for a release to surface water and air;
- o A potential exists for a release to groundwater;
- o Groundwater within 4 miles of the site is supplemented by surface water to serve approximately 300,000 people; and
- o Distance to the nearest well is 0.25 miles from the site.

10. REFERENCES

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2. Trent Tube Division, Fullerton Operation (Trent Tube), Hazardous Waste Part A Permit Application, November 10, 1980.
3. Calocerinos & Spina, "Facilities Closure Report for Trent Tube Division, Fullerton Plant", March 1985. /
4. Lindsey, Nancy, U.S. Environmental Protection Agency (EPA), and Abby Goldenberg, Ecology and Environment Inc.'s Field Investigation Team (E & E FIT), telephone conversation, August 22, 1991.
5. Hinton, John, California Department of Health Services (DHS), to Robert M. Phillips, Trent Tube Division, letter, April 16, 1985.
6. Feeley, Michael, U.S. EPA, to Angelo Bellomo, DHS, letter, August 24, 1987.
7. Trent Tube Division, Fullerton Operation, Operation Plan for Hazardous Waste, March 12, 1980.
8. DHS, Interim Status Document, Trent Tube Division, Fullerton Operation, April 6, 1981.
9. Hinton, John, DHS, to Robery M. Phillips, Trent Tube, letter, December 3, 1984.
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11. U.S. EPA, Resource Conservation and Recovery Act (RCRA), Quality Assurance Check List, Trent Tube Fullerton Division, June 9, 1987.
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13. Rwkiri, Cherry, RWQCB, and Abby Goldenberg, E & E FIT, telephone conversation, June 6, 1991.
14. Ross, Lea Yvonne, South Coast Air Quality Management District, and Abby Goldenberg, E & E FIT, letter, July 1, 1991.
15. Bish, Katherine, Orange County Health Care Agency, hazardous waste inspection of Trent Tube Division, April 15, 1985.
16. U.S. EPA, RCRA, April 10, 1991.
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19. U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Environmental Satellite Data and Information Service, National Climatic Data Center, Comparative Climatic Data for the United States Through 1985, Nashville, TN.
20. Robinson, Mike, Yorba Linda Water District, to Janice Brickell, E & E FIT, facimile, December 28, 1990.
21. Bustos, Carlos, City of Anaheim, and Chris Nelson, E & E FIT, telephone conversation, May 7, 1990.
22. City of Anaheim, Water Production Data Sheet, Fiscal Year 1989-1990.
23. reference deleted
24. Sears, Larry, City of Fullerton, and Chris Nelson E & E FIT, telephone conversation, November 26, 1990.
25. Goldenberg, Abby, "Drive-By Report", Trent Tube Fullerton Division, July 9, 1991.
26. City of Fullerton, map of water system, no date.
27. Lass, Richard, City of Orange, and Janice Brickell, E & E FIT, telephone conversation, December 28, 1990.
28. Costeson, Frank, Southern California Water Company, and Helena Brykarz, E & E FIT, telephone conversation, March 5, 1990.
29. Moore, Jim, Los Angeles County Department of Public Works, and Peter Towle, E & E FIT, telephone conversation, July 8, 1990.
30. Bonn, Richard, Orange County Environmental Management Agency, and Abby Goldenberg, E & E FIT, telephone conversation, June 12, 1991.
31. Diefendorf, Andrew, Calocerinos & Spina, to Roy Thieking, DHS, letter, January 18, 1985.
32. U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Weather Service, NOAA Atlas II, Precipitation-Frequency Atlas of the Western United States, Volume XI-California, p. 61, Silver Spring, MD, 1973.
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34. U.S. EPA, Office of Toxic Substances, "Graphical Exposure Modeling System," March 1989.

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37. McCall, Mike, Orange County Health Care Agency, "Hazardous Waste and Underground Storage Tank Inspection Report", Executive RV Center, February 15, 1991.

APPENDIX A

CONTACT LOG AND REPORTS

agg/ttfd/epipa

CRU 00075

PA CONTACT LOG

Facility Name: Trent Tube Division Fullerton
Facility ID: CAD008325110

Name	Affiliation	Phone #	Date	Information
Frank Costeson	So. California Water Company	213-251-3600	3/5/90	See Contact Report.
Carlos Bustos	City of Anaheim	714-999-5100	5/7/90	See Contact Report.
Jim Moore	L.A. County Public Works	818-445-7630	7/8/90	See Contact Report.
Larry Sears	City of Fullerton	714-738-6886	11/26/90	See Contact Report.
Richard Lass	City of Orange	714-532-0356	12/28/90	See Contact Report.
Mike Robinson	Yorba Linda Water District	714-777-3018	12/28/90	See Contact Report.
Cherry Rwakiri	RWQCB	714-782-4130	6/6/91	There are no active or inactive files at RWQCB for the Trent Tube site.
Richard Bonn	Orange County Environmental Management Agency	714-567-6371	6/12/91	See Contact Report.
Abby Goldenberg	E & E FIT	415-777-2811	7/9/91	Site Drive-by.
Nancy Lindsay	EPA	415-744-2038	8/22/91	See Contact Report.

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CRU 00076

CONTACT REPORT

AGENCY/AFFILIATION: Southern California Water Company		
DEPARTMENT: Water Resources Department		
ADDRESS/CITY: 130 N. Bradford, Placentia		
COUNTY/STATE/ZIP: Orange, CA 92670		
CONTACT(S)	TITLE	PHONE
1. Frank Costeson	Sanitation Engineer	213-251-3600
2.		
E & E PERSON MAKING CONTACT: Helena Brykarz		DATE: 3/5/90
SUBJECT: Placentia water supply		
SITE NAME: Trent Tube*		EPA ID#: CAD008325110

Most of Placentia's drinking water comes from the Metropolitan Water District (MWD) MWD water used by Placentia is 2.5 times the amount of groundwater. Placentia has a population of 34,500 that is served by either purchased or municipal groundwater. The northern part of the city is served mostly by MWD. Approximately 20,000 people in the southern part of the city are served by groundwater from these wells. The wells are all 496 to 550 feet deep. He did not have the well logs, but he thinks that the wells are all perforated at 50 feet and below.

* From FIT Report: Scientific Spray Finishes, EPA ID# CAD981385602.

agg/tt/clcr

CRU 00077

CONTACT REPORT

AGENCY/AFFILIATION: City of Anaheim		
DEPARTMENT: Water Engineering Division		
ADDRESS/CITY: 200 South Anaheim Blvd., Suite 550, Anaheim		
COUNTY/STATE/ZIP: Orange, CA 92805		
CONTACT(S)	TITLE	PHONE
1. Carlos Bustos		714-999-5100
2.		
E & E PERSON MAKING CONTACT: Carrie Austin		DATE: 5/7/90
SUBJECT: Municipal wells		
SITE NAME: Trent Tube*		EPA ID#: CAD008375110

Approximately 70 to 75 percent of Anaheim's drinking water is groundwater. Anaheim Wells #6 and 7 are located between Pauline and Olive streets near La Palma. There are 35 wells in the system.

* From FIT Report: Stepan Chemical Company, EPA ID# CAD046501162.

agg/tt/clcr

CRU 00078

CONTACT REPORT

AGENCY/AFFILIATION: L.A. County Department of Public Works		
DEPARTMENT: Flood Maintenance Division		
ADDRESS/CITY: Alhambra		
COUNTY/STATE/ZIP: Los Angeles County, California		
CONTACT(S)	TITLE	PHONE
1. Jim Moore	Work Reception	818-445-7630
2.		
E & E PERSON MAKING CONTACT: Peter Towle		DATE: 7/8/90
SUBJECT: San Gabriel River		
SITE NAME: Trent Tube*		EPA ID#: CAD008325110

The San Gabriel River is an unlined flood-control channel.

The San Gabriel River flows into the Whittier Narrows flood-control basin. The flood-control basin is formed by the Whittier Narrows Dam, an Army Corp. of Engineer project.

The Whittier Narrows flood-control basin only holds water intermittently throughout the year.

Below the dam, the San Gabriel River and the flood-control basin flow into the Rio Honda River, an unlined flood-control basin. The Rio Honda River flows into the L.A. River. The L.A. River flows approximately 15 to 20 miles into the ocean.

The San Gabriel River, Whittier Narrows flood-control basin, Rio Honda River, and the L.A. River are not used for drinking water or recreation.

* From FIT Report: Light Metals Industries, Inc. EPA ID# CAD034846670.

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CRU 00079

CONTACT REPORT

AGENCY/AFFILIATION: City of Fullerton		
DEPARTMENT: Water		
ADDRESS/CITY: Fullerton		
COUNTY/STATE/ZIP: Orange, California		
CONTACT(S)	TITLE	PHONE
1. Larry Sears		714-738-6886
2.		
E & E PERSON MAKING CONTACT: Chris Nelson		DATE: 11/26/90
SUBJECT: Drinking Water Supply for City of Fullerton		
SITE NAME: Trent Tube*		EPA ID#: CAD008325110

In addition to Fullerton wells 3,4,5,6,7 and 8 on La Palma near Harbor Blvd., there are five additional municipal drinking water wells that serve the City of Fullerton. The population of Fullerton is 112,000 people. Approximately 65 percent of the City of Fullerton receives water from the city wells while 35 percent receives water from the Metropolitan Water District (MWD). He will send FIT the state well identification numbers for the 5 other wells.

* From FIT report: Stephan Chemical Corporation EPA ID# CAD046590162.

agg/tt/clcr

CRU 00080

CONTACT REPORT

AGENCY/AFFILIATION: City of Orange		
DEPARTMENT: Water Department		
ADDRESS/CITY:		
COUNTY/STATE/ZIP:		
CONTACT(S)	TITLE	PHONE
1. Richard Lass		714-532-0356
2.		
E & E PERSON MAKING CONTACT: Janice T. Brickell		DATE: 12/28/90
SUBJECT: Well information		
SITE NAME: Trent Tube*		EPA ID#: CAD008325110

Mr. Lass will FAX a small city map with well locations. It also shows which areas are served by well water and which areas are served by imported water. He is FAXing additional information which provides the address of each well, depths, and populations served.

The system utilizes 15 wells which are blended with imported water and serves a population of 107,000. No single source provides more than 40 percent of the system's supply. Seventy percent of the water comes from wells and 30 percent is imported.

* From FIIT report: Western Exterminator Company EPA ID# CAD983566720.

agg/tt/clcr

CRU 00081

CONTACT REPORT

AGENCY/AFFILIATION: Yorba Linda Water District		
DEPARTMENT:		
ADDRESS/CITY: Yorba Linda		
COUNTY/STATE/ZIP: Orange, CA		
CONTACT(S)	TITLE	PHONE
1. Mike Robinson		714-777-3018
2.		
E & E PERSON MAKING CONTACT: Janice T. Brickell		DATE: 12/28/90
SUBJECT: Well Information		
SITE NAME: Trent Tube*		EPA ID#: CAD008325110

There are seven active wells in the blended system. These wells provide 45 percent of the drinking water supply. The other 55 percent comes from MWD imported water. The system serves 19,600 service connections which is about 60,000 persons.

Plant #1 has five wells located at 913 S. Richfield Road. Another well is at the end of Richfield Road, adjacent to the Santa Ana River. The other well is at Lakeview and La Palma.

The Santa Ana River recharges groundwater. The aquifer flows toward the southwest. The river, percolation basins, and percolation lakes are bermed to prevent the entry of surface water. However, the city storm drains empty into the Santa Ana River. The wells draw from below 200 feet bgs; therefore, the water is very clean by the time it percolates to these depths.

The Yorba Linda Water District strives to maintain a well protection program by actively visiting businesses in the area and educating them on proper management and disposal of hazardous materials.

* From FIT Report: Western Exterminator Company (EPA ID# CAD008323110).

agg/tt/clcr

CONTACT REPORT

AGENCY/AFFILIATION: Orange County Environmental Management Agency		
DEPARTMENT:		
ADDRESS/CITY:		
COUNTY/STATE/ZIP: Orange County, California		
CONTACT(S)	TITLE	PHONE
1. Richard Bonn		714-567-6371
2.		
E & E PERSON MAKING CONTACT: Abby Goldenberg		DATE: 6/12/91
SUBJECT: Surface water uses		
SITE NAME: Trent Tube		EPA ID#: CAD008325110

Carbon Creek has no beneficial uses except flood control. No trespassing notices are posted along the creek. The only beneficial use of the Santa Ana River is groundwater recharge. Almost all of the water in the Santa Ana River is reclaimed water. Water rarely flows past Ball Road in the City of Orange.

agg/tt/clcr

CRU 00083

SITE OBSERVATIONS REPORT

Ecology and Environment, Inc.		
Field Investigation Team (FIT)		
160 Spear Street, Suite 1400		
San Francisco, California 94105		
(415) 777-2811		
E & E PERSON MAKING OBSERVATIONS:		
Abby Goldenberg		
FACILITY REPRESENTATIVE(S):	TITLE:	PHONE:
SITE NAME: Trent Tube Fullerton Division		DATE: 7/9/91
CITY/STATE: Fullerton, California		EPA ID#:CAD008325110

The following observations were made during the site reconnaissance visit:

The site is currently occupied by Auto Car Leasing and Executive RV Center. The site is paved. The site is in a mixed commercial and industrial area.

agg/ttfd/recon

CRU 00084

CONTACT REPORT

AGENCY/AFFILIATION: EPA		
DEPARTMENT: RCRA Enforcement		
ADDRESS/CITY: San Francisco		
COUNTY/STATE/ZIP: San Francisco, CA		
CONTACT(S)	TITLE	PHONE
1. Nancy Lindsey		415-744-2038
2.		
E & E PERSON MAKING CONTACT: Abby Goldenberg		DATE: 8/22/91
SUBJECT: Site Description		
SITE NAME: Trent Tube		EPA ID#: CAD008325110

She spoke with Mr. Fischer of La Barron Investments and obtained the following information.

- LaBarron Investments purchased the site in 1985.
- LaBarron Investments owns and leases the site.
- The site is leased to several companies including Auto Car Leasing and Executive RV Center.

agg/tt/clcr

CRU 00085

APPENDIX B

PHOTODOCUMENTATION

agg/ttfd/epipa

FIELD PHOTOGRAPHY LOG SHEET

DATE: 7/9/91

TIME: 10 AM

DIRECTION:

southwest

WEATHER: _____

overcast

PHOTOGRAPHED BY:

Abby Goldenberg

DESCRIPTION:



Autocar facility at Trent Tube site.

agg/ttfd/fpls

CRU 00087